# BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

## APPROVED TENDER SCHEDULE –'B'

**Name of Work :-Construction of Individual Low cost houses to Poor SC/ST People in Nagenahalli, Harohalli and J.P.Colony in ward No-02 of Yelahanka Sub Division.**

| Sl | Description of work | Unit | Approved Qty | Approved Rates Project Manager Nirmithi Kendra (Urban) | |
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| | | | | Rate | Rate in Words |
| 1 | KSRB 2-1.1: **Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of** buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | cum | 44.61 | 106.00 | Rupees one hundred six and paise zero only |
| 2 | KSRB 2-2.1 : **Earth work excavation for foundation of buildings, culverts water supply, sanitary line and** electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No.with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | cum | 105.72 | 127.20 | Rupees one hundred twenty seven and paise twenty only |
| 3 | KSRB 2.8: Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead upto 50m and lift 1.5m Complete as per specifications | cum | 11.13 | 1013.36 | Rupees One thousand thirteen and paise thirty six only |
| 4 | KSRB 4-1.3 Providing and laying in position plain cement concrete of mixed 1:4:8 using 40mm and down size graded granite metal machine mixed concrete laid layers not exceeding 15 cms thick, well compacted, in foundation and plinth cost of all materials labour , HOM of machinery , curing complete as per specifications Specificationwith all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Cum | 40.00 | 3431.22 | Rupees Three thousand four hundred thirty one and paise twenty two only |

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| 5 | Providing and constructing granite/trap/basalt size stone masonary in foundation with cement mortar 1:6 stone hammerd dressed in coarses not less than 20 cm high,bond stone at 2m apart in each coarse including cost of materials ,labour ,curing complete as per specifications. with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Cum | 70.11 | 2548.24 | Rupees Two thousand five hundred forty eight and paise twenty four only |
| 6 | Providing and constructing granite/trap/basalt size stone masonary in basement with cement mortar 1:6 stone hammerd dressed in coarses not less than 15 cm high,bond stone at 2m apart in each coarse including cost of materials ,labour ,curing complete as per specifications. with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Cum | 30.05 | 3018.88 | Rupees Three thousand eighteen and paise eighty eight only |
| 7 | KSRB 4.2.2: Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm (M20) and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for ground floor level for roof slabs, starecase, lintel, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, coping, bed struts, buttersses, string or lacing courses, parapets, coping, bed blocks, plain window cils, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification | Cum | 7.01 | 5150.54 | Rupees five thousand one hundred fifty and paise fifty four only |
| 8 | KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations uplo plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification | Cum | 105.72 | 85.65 | Rupees eighty five and paise sixty five only |
| 9 | KSRB 6-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification | Cum | 91.29 | 4100.08 | Rupees Four thousand one hundred only |
| 10 | KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with (M20) wirh 20mm and down size graded layers not exceeding 15cms thick vibrated for RCC beams columns of all sizes in foundation plinth and superstucture ground floor level for roof slabs staircase lintels columns including cost of all matetials labour HOM of machinery ouring complete as per specifications. Specification | Cum | 27.45 | 5150.54 | Rupees five thousand one hundred fifty and paise fifty four only |
| 11 | KSRB 4.9.2: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members whereverr necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications . Specification with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Qntl | 17.49 | 5730.36 | Rupees Five thousand seven hundred thirty and paise thirty six only |

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| 12 | KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification | Sqm | 40.63 | 391.78 | Rupees Three hundred ninety one and paise seventy eight only |
| 13 | KSRB:15-3-13 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications. with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Sqm | 104.13 | 133.77 | Rupees One hundred thirty three and paise seventy seven only |
| 14 | KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | Sqm | 455.02 | 165.32 | Rupees One hundred sixty five and paise thirty two only |
| 15 | KSRB: 15-7 : Providing lime rendering for plastering to wall and ceiling , including cost of materials, labour, curing complete as per specification with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Sqm | 559.15 | 16.96 | Rupees Sixteen and paise ninety six only |
| 16 | Providing Lime rendering for plastering towards and celing including cost of materials labour curing complete as per specifications | Sqm | 485.04 | 139.88 | Rupees One hundred thirty nine and paise eighty eight only |
| 17 | KSRB 14.10-1 : Flooring with 25mm to 40mm thick polished Thandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. | Sqm | 104.20 | 756.20 | Rupees Seven hundred fifty six and paise twenty only |
| 18 | KSRB 14.10-1 : Flooring with 25mm to 40mm thick polished Thandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. | Sqm | 5.62 | 756.20 | Rupees Seven hundred fifty six and paise twenty only |

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| 19 | Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete with all lead and lift etc complete as per specification and direction of engineer incharge of the work. | Sqm | 30.24 | 3286.00 | Rupees Three thousand two hundred eighty six only |
| 20 | KSRB 7.7: Providing and fixing in position in cement concrete 1:3:6 steel galzed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Jg/m duly providing T section 19x19x3mm weighing 0.839Kg/m for glazing of windows not more than 34cms. c to c including providing and fixing 4mm. thick reeded glass to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. | Sqm | 18.36 | 2832.32 | Rupees Two thousand eight hundred thirty two and paise thirty two only |
| 21 | KSRB: 4.5.7 Providing and removing centering suttering, strutting propping etc. and removal form work for flat surface such as suspended roofs, roofs landings balconies and like ckeness upto 200mm including cost of all nateriais labour complete as per specifications. Specification | Sqm | 192.23 | 233.20 | Rupees Two hundred thirty three and paise twenty only |
| 22 | KSRB: 15-14.1: Providing and applying two coats with oil nound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly broonnd tge surface free from mottar drops and other surface even and sand paper smooth cost of materials labours complete as per specifications | Sqm | 559.15 | 51.94 | Rupees fifty one and paise ninety four only |
| 23 | KSRB: 15-16.1: Providing and finishing external walls in two coats with water proof cement paing of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material free from mortar dops and other foreign matter cost of materials lanpurs complete as per Sepecifications | Sqm | 485.04 | 63.60 | Rupees Sixty three and paise sixty only |

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| 33 | Supplying and fixing PVC/metal conduit accessories special type Junction Box | | | | |
| | 32 mm Junction Box | Each | 24 | 29.00 | Rupees twenty nine only |
| | Deep 32 mm Junction Box | Each | 18 | 33.00 | Rupees thirty three only |
| | Fan Box 18 /SWG | Each | 6 | 57.00 | Rupees fifty seven only |
| 34 | Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet | | | | |
| | Point Wiring using Class A Materials | | | | |
| | a) Short point upto 3Mtr from tapping point to out let via switch | Each | 12.00 | 175.00 | Rupees One hundred seventy five only |
| | b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch | Each | 12.00 | 260.00 | Rupees Two hundred Sixty only |
| | C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch | Each | 6.00 | 368.00 | Rupees Three hundred sixty eight only |
| 35 | Supplying and fixing superior quality modula switch mounting polycrbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box | | | | |
| | 1 to 3 Modular | Each | 12.00 | 82.00 | Rupees Eighty two only |
| | 8 Modular | Each | 6.00 | 175.00 | Rupees One hundred seventy five only |
| 36 | Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate | | | | |
| | 6Amps one way. | Each | 24 | 96.00 | Rupees Ninety six only |
| | 6Amps 3way Socket. | Each | 18 | 165.00 | Rupees One hundred sixty five only |
| | Stepped Fan Regulator | Each | 6 | 520.00 | Rupees Five hundred twenty only |
| 37 | Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box | | | | |
| | Group A | Each | 6 | 630.00 | Rupees Six hundred thirty only |
| 38 | Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps | No | 12.00 | 60.00 | Rupees Sixty only |
| 39 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required 5-32 Amps SP | Each | 6.00 | 560.00 | Rupees Five hundred sixty only |

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| 24 | KSRB 14.14-5: providing Ceramic tiles of size 15 x 15Cms approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. | Sqm | 18.00 | 676.92 | Rupees Six hundred seventy six and paise ninety two only |
| 25 | KSRB 14.17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface while should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications. Specification | Sqm | 33.75 | 846.09 | Rupees eight hundred forty six and paise nine only |
| 26 | 0185 Providing and fixing rain down water pipe of 90mm outer dia of 2.5 kg/Sqcm pressure pipes of HDPE rain water pipes | Mtr | 36.00 | 93.28 | Rupees Ninety three and paise twenty eight only |
| 27 | KSRB 11-2 : Providing and fixing white vitreous china clay, water closets Orissa pattern of size 580 x 440mm with integral type footrests, 100m S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification | Pair | 6.00 | 3386.70 | Rupees Three thousand three hundred eighty six and paise seveny only |
| 28 | KSRB 13-10.2: Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00KGf/sq.cm. working pressure 20mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification | Mtr | 90.00 | 71.97 | Rupees Seventy one and paise ninety seven only |
| 29 | KSRB 13-6.2-2 : Providing and fixing in position brass stop cock of approved Quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications Specifications | Each | 24.00 | 135.68 | Rupees One hundred thirty five and paise sixty eight only |
| 30 | Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications | L | 3000.00 | 5.09 | Rupees Five and paise nine only |
| 31 | Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary | | 60.00 | 68.00 | Rupees Sixty eight only |
| | 10"X7"X3" (300X228X76mm) | Mtr | 12 | 68.00 | Rupees Sixty eight only |
| | 8"X6"X3" (300X228X76mm) | Mtr | 12 | 52.00 | Rupees Fifty two only |
| 32 | Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete | | | | |

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| 40 | Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws | Each | 6.00 | 285.00 | Rupees Two hundred eighty five only |
| 41 | Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete KPWD | Each | 6.00 | 100.00 | Rupees One hundred only |
| 42 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit.. The pit should be filled with equal proprotion of salt and charcol 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3 of Is 732 using 12mm dia nuts, washers and checknuls etc the pipe shall have 16 through holes of 122 mm dia | No | 6.00 | 1950.00 | Rupees One thousand nine hundred fifty only |
| 43 | INSULATED CABLE ON MESSENGER WIRE Using 2 single core wires for a single phas and 4 single core wies for 3 phase supplying and stringing PVC insulated and PVC sheathed 650/1100V class aluminium conductor of size supported by 3.15mm (10 SWG) GI messenger wire with two breaks insulators, one at each end of the span wit suspenders at intervals of 0.75m. Each suspender shall be of porcelain reel insulator of suitable core through which insulated wire passes (single core or twin core as the case may be) and this reel insulator shall be fixed to the messanger wire using 2mm (No. 14SWG) GI wire suitably bent and twisted. Separate reel insulated shall be provided for each wire the messanger wire shall be bed-ended on the clamp provided to the departmental pole wide | Mtr | 48.00 | 45.00 | Rupees Forty five only |
| 44 | KSRB 11-18-1:1: Providing and fixing sand cast iron soil waste bends 10mm dia with access door insertion of rubber washers 3mm thick bolts and nut, with spun yarn soacked in cernet slurry and cement mortar 1:2 including cost of materials labour lesting complete as per specifications | Sqm | 6.00 | 447.32 | Rupees Four hundred forty seven and paise thirty two only |
| 45 | Providing and fixing HDPE Rainwater | Mtr | 76.80 | 140.00 | One hundred forty only |

Signature of the Contractor

Project Manager,
Bangalore Nirmithi Kendra (Urban)
Bangalore.

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.